



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

March 1, 2016

Mr. Michael T. Novak, Agent
Petro-Canada Lubricants, Inc. A Suncor Energy Business
c/o Keller & Heckman, LLC
1001 G Street NW, Suite 500 West
Washington, DC 20001

Subject: PRIA Label Amendment – Adding Optional Marketing Claims & Other Revisions
Product Name: Civitas One
EPA Registration Number: 69526-17
Application Date: April 30, 2015
Decision Number: 503945

Dear Mr. Novak:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

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Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Carlyn Petrella by phone at 703-347-0439, or via email at petrella.carlyn@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'M. Walsh', written in a cursive style.

Michael Walsh
Product Manager 11
Invertebrate & Vertebrate Branch 2
Registration Division
Office of Pesticide Programs

Enclosure

CIVITAS ONE

[Alternate Brand Names]

CIVITAS Link / CIVITAS Uni / CIVITAS Aim / CIVITAS Prem / CIVITAS Target /
CIVITAS Aspire / CIVITAS Unus / Civitas 1P / CIVITAS TURF DEFENSE™ Pre-Mixed /
CIVITAS TURF DEFENSE™ Pre-Mixed / CIVITAS TURF DEFENSE™ Pre-Mixed
California / CIVITAS TURF DEFENSE™ Pre-Mixed California

[Sublabel A: All states excluding California]

Fungicide, insecticide and plant protection product for turfgrass

[or]

Fungicide, insecticide and plant protection product for turf on golf courses, sports and athletic fields

ACTIVE INGREDIENT:	By Weight
Mineral Oil*	88.80%
OTHER INGREDIENTS:	11.20%
TOTAL:	100.00%

*Contains petroleum distillates, CAS # 8042-47-5

KEEP OUT OF REACH OF CHILDREN CAUTION

See inside [booklet] for additional Precautionary Statements and Directions for Use

EPA REG. NO. 69526-17

EPA EST. NO. xxxxxx

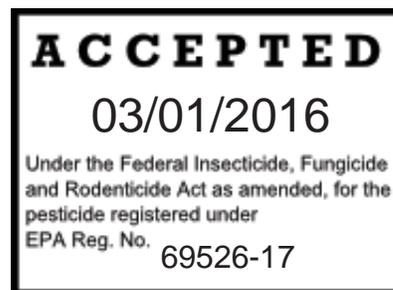
Patent(s): www.suncor.com/patents

MADE IN CANADA (MAY CONTAIN IMPORTED PARTS) FOR:

INTELLIGRO, [or] PETRO-CANADA LUBRICANTS, INC.,
A SUNCOR ENERGY BUSINESS
2310 LAKESHORE ROAD WEST
MISSISSAUGA, ONTARIO, CANADA
L5J 1K2

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[Batch Code/Lot Number]



FIRST AID	
If swallowed:	<ul style="list-style-type: none">• Immediately call a poison control center or doctor.• Do not induce vomiting unless told to by a poison control center or doctor.• Do not give any liquid to the person.• Do not give anything by mouth to an unconscious person.
If on skin or clothing:	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15-20 minutes.• Call a poison control center or doctor for treatment advice.
HOTLINE NUMBER Have the product container or label with you when calling a poison control center or doctor or going for treatment. To reach a U.S. POISON CONTROL CENTER, call 1-800-222-1222. You may also contact INTELLIGRO, a Suncor Energy business [or] PETRO-CANADA LUBRICANTS INC.: 403-296-3000, or CANUTEC Canadian Transport Emergency Centre: 613-996-6666.	
NOTE TO PHYSICIAN: Contains petroleum distillate. Do not induce vomiting since vomiting may induce aspiration pneumonia.	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Avoid contact with eyes, skin, or clothing.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long sleeved shirt and long pants
- Chemical-resistant gloves made of Barrier Laminate, Nitrile rubber ≥ 14 mils, Neoprene Rubber ≥ 14 mils or Viton ≥ 14 mils
- Shoes plus socks

Follow manufacturer's instructions for cleaning and maintaining PPE. If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent materials that have been drenched or heavily damaged by this product's concentrate. Do not reuse them.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet;
- Remove clothing and/or PPE immediately if pesticide gets inside and then wash thoroughly and change into clean clothing;
- Remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters or rinsate. Apply this product only as specified on the label. Drift and runoff may be hazardous to aquatic

organisms in water adjacent to treated areas.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product through any type of irrigation system. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation. Aerial application of this product is prohibited.

This product is only registered for use on turf on golf courses, sports and athletic fields.

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

Keep children and pets out of the treated area until sprays have dried.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE:

Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. **Keep from freezing.**

Carefully open containers. After partial use, replace lids and close tightly. Do not put concentrate or dilute material into food or drink containers. Keep containers closed to prevent entry of water.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills.

To confine spill: If liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

PESTICIDE DISPOSAL:

Dispose of waste resulting from use of this product on site or at an approved waste disposal facility.

CONTAINER HANDLING :

Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse (or equivalent) container promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Then offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

PRODUCT INFORMATION

CIVITAS ONE™ should be applied to non-dormant, healthy turf, preventatively, prior to the onset of disease symptoms. **CIVITAS ONE** works to prevent diseases from taking hold in the first place, and can also provide some treatment benefits. If disease symptoms are present or disease pressure is expected to be high, **CIVITAS ONE** should be used in combination with other fungicides.

CIVITAS ONE may be used on cool and warm-season grasses if applied in accordance with the requirements and specifications of this label.

CIVITAS ONE works to smother insects and provides a barrier that helps prevent insects and pathogens from accepting or using the host plant. Apply **CIVITAS ONE** prior to insect or disease symptoms, and use it as a component of an integrated pest management (IPM) program.

USE RESTRICTIONS

Keep children and pets out of the treated area until sprays have dried.

CIVITAS ONE may only be used on turf on golf courses, sports and athletic fields to control the types of insects, and fungi identified in the **Application Rate Table** in this **DIRECTIONS FOR USE** section.

Do not over-spray or double-spray.

Apply in the morning, before daily high temperatures are reached, use caution when daily high temperatures are expected to be high (above 90°F for cool season grass types) for 2 or more consecutive days. Continually monitor condition of turfgrass and adjust applications based on turf vigor and weather forecasts.

Do not apply when air temperatures at time of application are expected to be near freezing (at or below 40°F). Ensure applications are made to non-dormant, healthy turfgrass. Drying times may be longer at lower temperatures.

Do not apply when rain or other unsuitable weather conditions are predicted.

USE PRECAUTIONS

Plants should be sprayed only when they are in vigorous condition and when their moisture condition is suitable. Adjust the use of **CIVITAS ONE** during periods of severe environmental stress: high heat and humidity (including high soil temperatures at the roots) and/or soil moisture at or below permanent wilting point.

Under such conditions, use the product with caution especially on *Poa annua* and Colonial Bentgrass and consider adjusting the application program by doing one or more of the following:

- Use longer specified application intervals (Refer to **Application Rate Tables**)
- Lower **CIVITAS ONE** application rates
- Increase total application volume
- Evaluate rates and use of other products in a tank mix, primarily chemicals that may have phytotoxic properties of their own

- Manage cultural practices to reduce stress on turfgrass and apply during cooler periods of the day (morning or evening)
- Pause applications

Once these conditions pass, and turfgrass is actively growing and under reduced environmental stress, resume the normal application program.

Under high disease pressure, use the highest rate and shortest application interval corresponding with the application schedule selected from the tables below and/or combine with another registered fungicide.

This product has not been tested on all species or varieties of turf grass. Before treating a large area, treat a small area and observe for several days prior to making full scale applications.

Ensure **CIVITAS ONE** is applied prior to line painting on sports and athletic fields. Wait until product has thoroughly dried prior to re-entry to avoid staining.

Drying times may be longer at lower temperatures.

SPRAY DRIFT MANAGEMENT

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, and relative humidity) and method of application (ground) can influence pesticide drift. The applicator and grower must evaluate all factors and make appropriate adjustments when applying this product.

Wind Speed

Do not apply at wind speeds greater than 15 mph at the application site.

Temperature Inversions

If applying at wind speeds less than 3 mph, the applicator must determine if (a) conditions of temperature inversion exist, or (b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

Release Height

Apply using a nozzle height of no more than 4 feet above the ground.

Droplet Size

Apply as a medium or coarser spray (ASABE standard 572), and the minimum volume mean diameter (VMD) for spinning atomizer nozzles.

INTEGRATED PEST MANAGEMENT AND RESISTANCE MANAGEMENT

This product can be used in resistance management strategies or in integrated pest management (IPM) programs. **CIVITAS ONE** is effective for use in programs that attempt to minimize disease resistance as there are no known resistance issues with **CIVITAS ONE**.

Consult with your Federal, State or local Cooperative Extension Specialist for guidance on the proper use of **CIVITAS ONE** in programs for resistance management and using it in an IPM program.

MIXING DIRECTIONS

Prior to Mixing

- Use only in equipment with sufficient agitation to keep contents thoroughly mixed. Provide sufficient agitation during mixing and application to maintain a uniform emulsion.
- Be sure tank is clean; make certain that the tank is free of sulfur residues.
- Carefully calculate the quantity of **CIVITAS ONE** needed before mixing. Refer to the **Application Rate Tables** for controlling specific pests.
- **CIVITAS ONE MUST BE SHAKEN WELL IMMEDIATELY BEFORE USE.** Phase separation can occur during storage. Shake firmly for 30 seconds, or until the liquid has a uniform consistency and color.

Mixing Directions

- With agitator running, start filling the tank until it gets about half full. Provide sufficient agitation during mixing and application to maintain a uniform emulsion.
- **CIVITAS ONE** is an emulsified concentrate and should be added after Wettable Soluble Powders, Wettable Powders, Water Dispersible Granulars and Liquid Flowables are added to the tank.
- Add **CIVITAS ONE** to the mixture. An initial green bloom indicates proper emulsification, and can be applied to the turf. **Do not use this product if it does not emulsify.**
- Add remaining emulsified concentrate and Soluble products (if applicable) and fill the tank completely with water.
- Maintain agitation during mixing and application.
- Prepare only enough spray mix for the current day's use. Do not store spray mix.

Tank Mixes

Follow all directions, restrictions, precautions, and limitations on labeling of all products used in tank mixes. Observe the most restrictive of the labeling limitations and precautions of all products used in the mixture. Tank mixtures or other applications of products referenced on this label are permitted only in those states in which the referenced products are registered.

DO NOT combine **CIVITAS ONE** in the spray tank with pesticides, surfactants, or fertilizers, unless your prior use or "jar compatibility test" has shown the combination to be physically compatible and non-injurious to turf under your conditions. USE WITH CAUTION and test on a small area prior to broad application, especially with the following combinations:

- Combinations with DMI fungicides will increase the possibility of phytotoxicity inherent with DMI chemistries, especially on *Poa annua*, Colonial Bentgrass and Bermudagrass, under high temperatures and humidity. Increasing total spray volume may help reduce the chance of phytotoxicity.
- Combinations with high rates of certain iron-containing products may cause temporary discoloration.
- Use caution when tank-mixing with high rates of Chlorothalonil, especially under high temperature conditions.
- DO NOT combine **CIVITAS ONE** with Pentachloronitrobenzene (PCNB) as phytotoxicity may result from the combination when applied to turf.

APPLICATION PROCEDURES

- **CIVITAS ONE** may be applied using the types of spray equipment commonly employed for ground applications. Note requirements for **SPRAY DRIFT MANAGEMENT**.
- Apply at 1-5 gallons of total spray volume per 1000 ft².
- **CIVITAS ONE should only be applied to non-dormant, healthy turf.**
- All applications must be consistent with the requirements and specifications indicated in the **DIRECTIONS FOR USE** and the rest of this label.
- **CIVITAS ONE** should be applied prior to the onset of disease, turf dormancy, biotic or abiotic stressors.
- On golf course greens, it is recommended to use application rates toward the lower end of the specified range for the pest(s) to be controlled.
- Thorough coverage will provide the best results, use of flat fan or air induction nozzles are suggested.
- Protect porous surfaces and objects from overspray to avoid discoloration. Clean up any spills immediately with warm water and soap to help avoid persistent staining.
- When disease pressure is high, use application rates toward the upper end of the range specified for the pest(s) to be controlled and retreat at intervals toward the shorter end of the range specified, unless product use is not appropriate due to temperature, humidity, and/or turf health.

APPLICATION RATE TABLES

Turf Disease Control (listed in alphabetical order)

Target Disease	Application Interval (Days)	Total Application Volume with water (gal per 1,000 sq. ft.)	Application Rates (Fluid Ounces CIVITAS ONE per 1,000 sq. ft.)	Comments
Anthracnose (<i>Colletotrichum cereale</i>)	7-14 days	1-5 gal.	8.5 to 17 fl. oz.	
Brown Patch (<i>Rhizoctonia solani</i>)	14-21 days	1-5 gal.	8.5 to 17 fl. oz.	When disease pressure is high, CIVITAS ONE should be used in combination with an appropriate, registered fungicide.
Crown Rust (<i>Puccinia coronate</i>)	14-21 days	1-5 gal.	17 fl. oz.	When disease pressure is high, CIVITAS ONE should be used in combination with an appropriate, registered fungicide.
Dollar Spot (<i>Sclerotinia homoeocarpa</i>)	7-21 days	1-5 gal.	8.5 to 17 fl. oz.	When disease pressure is high, CIVITAS ONE should be used in combination with an appropriate, registered fungicide.
Fusarium patch (<i>Microdochium nivale</i>)	7-21 days	1-5 gal.	8.5 fl. oz.	When disease pressure is high, CIVITAS ONE should be used in combination with an appropriate, registered fungicide.
Gray Leaf Spot (<i>Pyricularia grisea</i>)	14 days	1-5 gal.	8.5 to 17 fl. oz.	CIVITAS ONE should be used in combination with an appropriate, registered fungicide.
Large Patch of	2 applications	1-5 gal.	17 fl. oz.	CIVITAS ONE should be used in combination with an appropriate,

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Zoysia (<i>Rhizoctonia solani</i>)	in the early Fall, before turf has become dormant			registered fungicide. Follow-up application in early Spring may be necessary where disease pressure is high.
Leaf Spot / Melting-out (<i>Drechslera spp. and/or Bipolaris spp</i>)	14 days	1-5 gal.	8.5 to 17 fl. oz.	
Necrotic Ring (<i>Leptosphaeria korrae</i>)	14 days	1-5 gal.	17 fl. oz.	
Powdery Mildew (<i>Erysiphe graminis</i>)	14 days	1-5 gal.	17 fl. oz.	
Pythium Blight (<i>Pythium aphanidermatum</i>)	14 days	1-5 gal.	8.5 to 17 fl. oz.	**CIVITAS ONE should be used in combination with an appropriate registered fungicide based on pyraclostrobin (FRAC code 11) and/or mefenoxam (FRAC code 4) chemistries. CIVITAS ONE enhances performance of tank mix partners.
Red Thread (<i>Laetisaria fuciformis</i>)	14 days	1-5 gal.	17 fl. oz.	
Rhizoctonia Leaf Spot/ Mini-Ring (<i>Rhizoctonia zeae</i>)	14-21 days	1-5 gal.	8.5 to 17 fl. oz.	CIVITAS ONE should be used in combination with an appropriate registered fungicide based on Azoxystrobin .
Snow Mold, Gray (<i>Typhula ishikariensis, Typhula incarnata</i>) Pink (<i>Microdochium nivale</i>)	Apply clean-up spray 14-21 days before final spray, and before turf has become dormant	1-5 gal.	17 to 34 fl. oz.	CIVITAS ONE should be used in combination with an appropriate, registered fungicide. Must apply final spray before the plant has become dormant.
Southern Blight (<i>Sclerotium rolfsii</i>)	14 days	1-5 gal.	8.5 to 17 fl. oz.	
Spring Dead Spot	2 applications in the early	1-5 gal.	17 fl. oz.	CIVITAS ONE should be used in combination with an appropriate, registered fungicide.

<i>(Ophiosphaerella korrae)</i>	Fall before turf has become dormant-			When CIVITAS ONE is used in a tank mix with fenarimol the turfgrass should be irrigated with 0.5 inches of water following application.
Summer Patch <i>(Magnaporthe poae)</i>	7 days	1-5 gal.	8.5 fl. oz.	CIVITAS ONE should be used in combination with an appropriate, registered fungicide.

Turf Insect Suppression

Target Pest	Application Interval (Days)	Total Application Volume with water (gal per 1,000 sq. ft.)	Application Rates (Fluid Ounces CIVITAS ONE per 1,000 sq. ft.)	Comments
<ul style="list-style-type: none"> • Annual Blue Grass Weevils • Banks Grass Mites • Mealybugs • Mites • Cutworm • Sod Webworm • Fall Armyworm 	7-21 days	1-5 gal.	8.5 to 17 fl. oz.	<p>Do not make spot applications.</p> <p>Treat the entire area where exposure (or infestation) occurs.</p> <p>Insecticidal effect of CIVITAS ONE can also be achieved when CIVITAS ONE is combined with other compatible control methods as part of an integrated pest management (IPM) program.</p>

CONDITIONS OF SALE AND LIMITATIONS OF WARRANTY AND LIABILITY

It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Intelligro, a Suncor Energy business [or] Petro-Canada Lubricants Inc., the manufacturer or seller. To the extent consistent with applicable law neither Intelligro, a Suncor Energy business [or] Petro-Canada Lubricants Inc., the manufacturer or seller shall be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer. Except as warranted by this label, Intelligro, a Suncor Energy business [or] Petro-Canada Lubricants Inc., the manufacturer or seller makes no warranties, guarantees, or representations of any kind, either express or implied, or by usage of trade, statutory or otherwise, with regard to the product sold, including, but not limited to, merchantability, fitness for a particular purpose, use or eligibility of the product for any particular trade usage. To the extent consistent with applicable law, buyer's or user's exclusive remedy, and Intelligro, a Suncor Energy business [or] Petro-Canada Lubricants Inc.'s, the manufacturer's or seller's total liability, shall be for damages not exceeding the cost of the product.

NET CONTENTS: x GAL. (x L)

2016-02-29
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[Sublabel B: California Print RestrictionLabel]

Fungicide and plant protection product for turf on golf courses, sports and athletic fields

ACTIVE INGREDIENT:	By Weight
Mineral Oil*	88.80%
OTHER INGREDIENTS:	<u>11.20%</u>
TOTAL:	100.00%

*Contains petroleum distillates, CAS # 8042-47-5

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See inside [booklet] for additional Precautionary Statements and Directions for Use

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EPA EST. NO. xxxxxx

Patent(s): www.suncor.com/patents

MADE IN CANADA (MAY CONTAIN IMPORTED PARTS) FOR:

INTELLIGRO, [or] PETRO-CANADA LUBRICANTS, INC.,
A SUNCOR ENERGY BUSINESS
2310 LAKESHORE ROAD WEST
MISSISSAUGA, ONTARIO, CANADA
L5J 1K2

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FIRST AID	
If swallowed:	<ul style="list-style-type: none">• Immediately call a poison control center or doctor.• Do not induce vomiting unless told to by a poison control center or doctor.• Do not give any liquid to the person.• Do not give anything by mouth to an unconscious person.
If on skin or clothing:	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15-20 minutes.• Call a poison control center or doctor for treatment advice.
HOTLINE NUMBER Have the product container or label with you when calling a poison control center or doctor or going for treatment. To reach a U.S. POISON CONTROL CENTER, call 1-800-222-1222. You may also contact INTELLIGRO, a Suncor Energy business [or] PETRO-CANADA LUBRICANTS INC.: 403-296-3000, or CANUTEC Canadian Transport Emergency Centre: 613-996-6666.	
NOTE TO PHYSICIAN: Contains petroleum distillate. Do not induce vomiting since vomiting may induce aspiration pneumonia.	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Avoid contact with eyes, skin, or clothing.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long sleeved shirt and long pants
- Chemical-resistant gloves made of Barrier Laminate, Nitrile rubber ≥ 14 mils, Neoprene Rubber ≥ 14 mils or Viton ≥ 14 mils
- Shoes plus socks

Follow manufacturer's instructions for cleaning and maintaining PPE. If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent materials that have been drenched or heavily damaged by this product's concentrate. Do not reuse them.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet;
- Remove clothing and/or PPE immediately if pesticide gets inside and then wash thoroughly and change into clean clothing;
- Remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters or rinsate.

Apply this product only as specified on the label. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product through any type of irrigation system. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation. Aerial application of this product is prohibited.

This product is only registered for use on turf on golf courses, sports and athletic fields.

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

Keep children and pets out of the treated area until sprays have dried.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE:

Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. **Keep from freezing.**

Carefully open containers. After partial use, replace lids and close tightly. Do not put concentrate or dilute material into food or drink containers. Keep containers closed to prevent entry of water.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills.

To confine spill: If liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

PESTICIDE DISPOSAL:

Dispose of wastes resulting from use of this product on site or at an approved waste disposal facility.

CONTAINER HANDLING:

Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse (or equivalent) container promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container $\frac{1}{4}$ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Then offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

PRODUCT INFORMATION

CIVITAS ONE should be applied to non-dormant, healthy turf, preventatively, prior to the onset of disease symptoms. **CIVITAS ONE** works to prevent diseases from taking hold in the first place, and can also provide some treatment benefits. If disease symptoms are present or disease pressure is expected to be high, **CIVITAS ONE** should be used in combination with other fungicides.

CIVITAS ONE may be used on cool and warm-season grasses if applied in accordance with the requirements and specifications of this label.

CIVITAS ONE works to provide a barrier that helps prevent pathogens from accepting or using the host plant. Apply **CIVITAS ONE** prior to disease symptoms, and use it as a component of an integrated pest management (IPM) program.

USE RESTRICTIONS

Keep children and pets out of the treated area until sprays have dried.

CIVITAS ONE may only be used on turf on golf courses, sports turf and athletic fields to control the types of fungi identified in the **Application Rate Tables** in this **DIRECTIONS FOR USE** section.

Do not over-spray or double-spray.

Apply in the morning, before daily high temperatures are reached, use caution when daily high temperatures are expected to be high (above 90°F for cool season grass types) for 2 or more consecutive days. Continually monitor condition of turfgrass and adjust applications based on turf vigor and weather forecasts.

Do not apply when air temperatures at time of application are expected to be near freezing (at or below 40°F). Ensure applications are made to non-dormant, healthy turfgrass. Drying times may be longer at lower temperatures.

Do not apply when rain or other unsuitable weather conditions are predicted.

USE PRECAUTIONS

Plants should be sprayed only when they are in vigorous condition and when their moisture condition is suitable. Adjust the use of **CIVITAS ONE** during periods of severe environmental stress: high heat and humidity (including high soil temperatures at the roots) and/or soil moisture at or below permanent wilting point.

Under such conditions, use the product with caution especially on *Poa annua* and Colonial Bentgrass and consider adjusting the application program by doing one or more of the following:

- Use longer specified application intervals (Refer to **Application Rate Tables**)
- Lower **CIVITAS ONE** application rates
- Increase total application volume

- Evaluate rates and use of other products in a tank mix, primarily chemicals that may have phytotoxic properties of their own
- Manage cultural practices to reduce stress on turfgrass and apply during cooler periods of the day (morning or evening)
- Pause applications

Once these conditions pass, and turfgrass is actively growing and under reduced environmental stress, resume the normal application program.

Under high disease pressure, use the highest rate and shortest application interval corresponding with the application schedule selected from the tables below and/or combine with another registered fungicide.

This product has not been tested on all species or varieties of turf grass. Before treating a large area, treat a small area and observe for several days prior to making full scale applications.

Ensure **CIVITAS ONE** is applied prior to line painting on athletic fields. Wait until product has thoroughly dried prior to re-entry to avoid staining.

Drying times may be longer at lower temperatures.

SPRAY DRIFT MANAGEMENT

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, and relative humidity) and method of application (ground) can influence pesticide drift. The applicator and grower must evaluate all factors and make appropriate adjustments when applying this product.

Wind Speed

Do not apply at wind speeds greater than 15 mph at the application site.

Temperature Inversions

If applying at wind speeds less than 3 mph, the applicator must determine if (a) conditions of temperature inversion exist, or (b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

Release Height

Apply using a nozzle height of no more than 4 feet above the ground.

Droplet Size

Apply as a medium or coarser spray (ASABE standard 572), and the minimum volume mean diameter (VMD) for spinning atomizer nozzles.

INTEGRATED PEST MANAGEMENT AND RESISTANCE MANAGEMENT

This product can be used in resistance management strategies or in integrated pest management (IPM) programs. **CIVITAS ONE** is effective for use in programs that attempt to minimize disease resistance as there are no known resistance issues with **CIVITAS ONE**.

Consult with your Federal, State or local Cooperative Extension Specialist for guidance on the proper use of **CIVITAS ONE** in programs for resistance management and using it in an IPM program.

MIXING DIRECTIONS

Prior to Mixing

- Use only in equipment with sufficient agitation to keep contents thoroughly mixed, provide sufficient agitation during mixing and application to maintain a uniform emulsion.
- Be sure tank is clean; make certain that the tank is free of sulfur residues.
- Carefully calculate the quantity of **CIVITAS ONE** needed before mixing. Refer to the Application Rate Tables for controlling specific pests.
- **CIVITAS ONE MUST BE SHAKEN WELL IMMEDIATELY BEFORE USE.** Phase separation can occur during storage. Shake firmly for 30 seconds, or until the liquid has a uniform consistency and color.

Mixing Directions

- With agitator running, start filling the tank until it gets about half full. Provide sufficient agitation during mixing and application to maintain a uniform emulsion.
- **CIVITAS ONE** is an emulsified concentrate and should be added after Wettable Soluble Powders, Wettable Powders, Water Dispersible Granulars and Liquid Flowables are added to the tank.
- Add **CIVITAS ONE** to the mixture. An initial green bloom indicates proper emulsification, and can be applied to the turf. **Do not use this product if it does not emulsify.**
- Add remaining emulsified concentrate and Soluble products (if applicable) and fill the tank completely with water.
- Maintain agitation during mixing and application.
- Prepare only enough spray mix for the current day's use. Do not store spray mix.

Tank Mixes

Follow all directions, restrictions, precautions, and limitations on labeling of all products used in tank mixes. Observe the most restrictive of the labeling limitations and precautions of all products used in the mixture. Tank mixtures or other applications of products referenced on this label are permitted only in those states in which the referenced products are registered.

DO NOT combine **CIVITAS ONE** in the spray tank with pesticides, surfactants, or fertilizers, unless your prior use or "jar compatibility test" has shown the combination to be physically compatible and non-injurious to turf under your conditions. USE WITH CAUTION and test on a small area prior to broad application, especially with the following combinations:

- Combinations with DMI fungicides will increase the possibility of phytotoxicity inherent with DMI chemistries, especially on *Poa annua*, Colonial Bentgrass and Bermudagrass, under high temperatures and humidity. Increasing total spray volume may help reduce the chance of phytotoxicity.
- Combinations with high rates of certain iron-containing products may cause temporary discoloration.
- Use caution when tank-mixing with high rates of Chlorothalonil, especially under high temperature conditions.
- DO NOT combine **CIVITAS ONE** with Pentachloronitrobenzene (PCNB) as phytotoxicity may result from the combination when applied to turf.

APPLICATION PROCEDURES

- **CIVITAS ONE** may be applied using the types of spray equipment commonly employed for ground applications. Note requirements for **SPRAY DRIFT MANAGEMENT**.
- Apply at 1-5 gallons of total spray volume per 1000 ft².
- **CIVITAS ONE should only be applied to non-dormant, healthy turf.**
- All applications must be consistent with the requirements and specifications indicated in the **DIRECTIONS FOR USE** and the rest of this label.
- **CIVITAS ONE** should be applied prior to the onset of disease, turf dormancy, biotic or abiotic stressors.
- On golf course greens, it is recommended to use application rates toward the lower end of the specified range.
- Thorough coverage will provide the best results, use of flat fan or air induction nozzles are suggested.
- Protect porous surfaces and objects from overspray to avoid discoloration. Clean up any spills immediately with warm water and soap to help avoid persistent staining.
- When disease pressure is high, use application rates toward the upper end of the range specified for the pest(s) to be controlled and retreat at intervals toward the shorter end of the range specified, unless product use is not appropriate due to temperature, humidity, and/or turf health.

APPLICATION RATE TABLES

Turf Disease Control (listed in alphabetical order)

Target Disease	Application Interval (Days)	Total Application Volume with water (gal per 1,000 sq. ft.)	Application Rates (Fluid Ounces CIVITAS ONE per 1,000 sq. ft.)	Comments
Anthracnose (<i>Colletotrichum cereale</i>)	7-14 days	1-5 gal.	8.5 to 17 fl. oz.	
Brown Patch (<i>Rhizoctonia solani</i>)	14-21 days	1-5 gal.	8.5 to 17 fl. oz.	When disease pressure is high, CIVITAS ONE should be used in combination with an appropriate, registered fungicide.
Fusarium patch (<i>Microdochium nivale</i>)	7-14 days	1-5 gal.	8.5 fl. oz.	When disease pressure is high, CIVITAS ONE should be used in combination with an appropriate, registered fungicide.

CONDITIONS OF SALE AND LIMITATIONS OF WARRANTY AND LIABILITY

It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Intelligro, a Suncor Energy business [or] Petro-Canada Lubricants Inc., the manufacturer or seller. To the extent consistent with applicable law neither Intelligro, a Suncor Energy business [or] Petro-Canada Lubricants Inc., the manufacturer or seller shall be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by

the buyer. Except as warranted by this label, Intelligro, a Suncor Energy business **[or]** Petro-Canada Lubricants Inc., the manufacturer or seller makes no warranties, guarantees, or representations of any kind, either express or implied, or by usage of trade, statutory or otherwise, with regard to the product sold, including, but not limited to, merchantability, fitness for a particular purpose, use or eligibility of the product for any particular trade usage. To the extent consistent with applicable law, buyer's or user's exclusive remedy, and Intelligro, a Suncor Energy business **[or]** Petro-Canada Lubricants Inc.'s, the manufacturer's or seller's total liability, shall be for damages not exceeding the cost of the product.

NET CONTENTS: x GAL. (x L)

[OPTIONAL MARKETING CLAIMS- to appear on any panel, product name subject to change based on Alternate Brand Name marketed]

- Easier to prepare spray than CIVITAS™ **[or]** CIVITAS™ TURF DEFENSE Ready-2-Mix
- Brought to you by the makers of CIVITAS™ **[or]** CIVITAS™ TURF DEFENSE Ready-2-Mix
- CIVITAS ONE™ - A Turf Management Tool
- Use CIVITAS ONE™ as part of your Overall Turf Management Program
- Use CIVITAS™ [TURF DEFENSE™] products as part of your Overall Turf Management Program
- Fungicide that controls over 15 turfgrass pathogens as listed on the label
- Year-Round Applicability subject to label Ustrictions
- Controls Surface Insects as listed on the label
- Shake well before using
- Keep from freezing
- For Use in Both Conventional and Organic Turfgrass Management
- Plant protection product for turf
- For use on golf courses, sports and athletic fields
- Fungicide and plant protection product for turf on golf courses, sports and athletic fields
- Fungicide, insecticide for turfgrass
- Fungicide, insecticide for turf on golf courses, sports and athletic fields
- strengthIN™
- CIVITAS ONE™ can help turf tolerate limited water conditions
- CIVITAS ONE™ helps support healthy turf and a more durable playing surface

[BRAND LOGO]



[PRODUCT LOGOs]



[strengthIN BRAND LOGO]



[OMRI LOGO]



[INTELLIGRO/COMPANY LOGO]

